



PDWM2800

User Manual

UHF >>>>>>.....
PROFESSIONAL WIRELESS
MICROPHONE SYSTEM

INTRODUCTION

This wireless microphone system uses the UHF band.

It's perfect for use on performance stages, assembly halls, and karaoke bars.

You can use this product with lapel mics or handheld microphones.

Please read this manual carefully for proper operation.

FEATURES

- ★ Two wireless microphone can be used together with receiver.
- ★ UHF 470-803MHz used for frequency of carrier wave, low interference.
- ★ Crystal vibrating used to stabilize the performance.
- ★ Codistor fixed inside to avoid large noise caused by wireless microphones interfering.
- ★ Convenient antenna fixed inside of the wireless microphone.

CAUTION

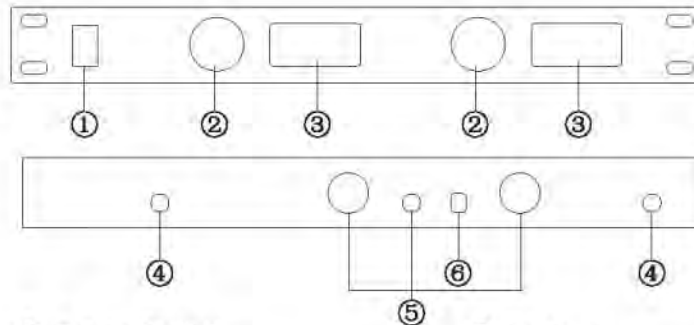
Read this before operating your unit:

1. Please read this manual carefully before using. Keep it in a safe place for future reference.
2. Do not expose the unit to rain or an environment where it may be splashed with water. This could result in fire or electric shock.
3. Do not force on switches, knobs, or cords. When moving, first turn off the power.
4. Do not attempt to clean the unit with chemical solvents; this might damage the surface. Use a clean, dry cloth.
5. To prevent receiver damage, please turn off power during electrical storms.
6. The voltage must be the same that is specified on the unit.

RECEIVER

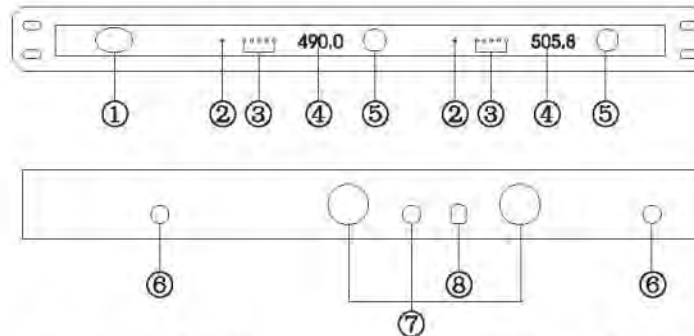
RECEIVER REMARK

A:



- | | |
|-----------------------------|--|
| ① Power Switch | ④ Antenna |
| ② Audio Volume Control | ⑤ Mixed Audio Outlet & Separate Outlet |
| ③ RF & Audio Signal Display | ⑥ DC Power Input |

B:



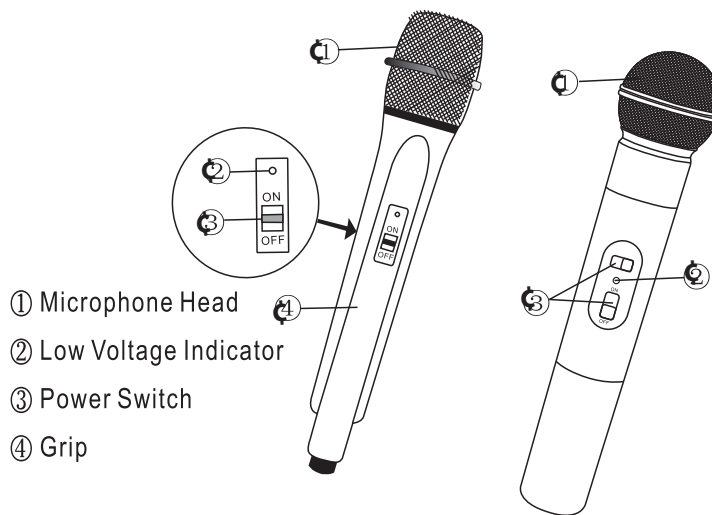
- | | |
|---|--|
| ① Power Switch | ⑤ Audio Volume |
| ② Switcher of R F and Antenna indicator | ⑥ Antenna |
| ③ Audio Signal Indicator | ⑦ Mixed Audio Outlet & Separate Outlet |
| ④ Digital Tube Frequency Display | ⑧ DC input |

USING THE RECEIVER

1. Draw out the antennas and form them in a V shape.
2. Connect one end of the audio cable with the DC input jack of the receiver and the other to the microphone input port of an audio mixer or power amplifier.
3. Connect the AC adaptor to the DC port and then plug into the wall.
4. Press the switch of the receiver to turn on the receiver, and then turn on the power supply.

TRANSMITTER

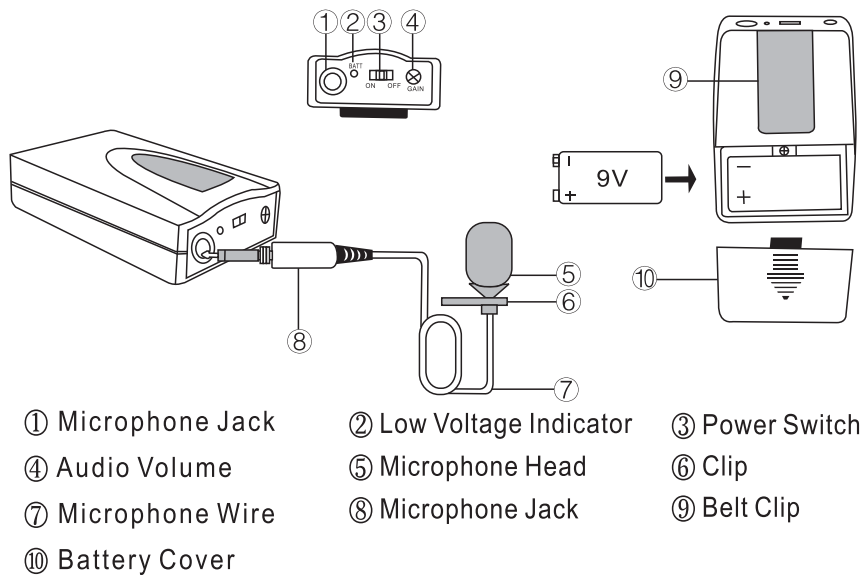
TRANSMITTER REMARK



USING THE HANDHELD TRANSMITTER

1. Open the handheld microphone battery cover and put in two batteries – make sure the polarity is correct.
2. Turn on the power switch of the microphone. The power indicator on the microphone and the RF indicator should light on.
3. When the transmitter is not used, turn off the power.
4. When the low voltage indicator lights, replace the battery.
5. Take out the battery when not using for a long period of time.

BODYPACK REMARK



USING THE BODY-PACK TRANSMITTER

- 1、 Open the body-pack microphone battery cover to put in a 9V battery in right polarity then close it.
- 2、 Turn on the power switch of microphone and the power indicator will be light soon,then the transmitter send the signal to the receiver and the RF indicator is light now.
- 3、 When the transmitter is not used, turn off the power.
- 4、 When the low voltage indicator lights the power of the battery is not enough.If it has affedted using effect(The distance between the receiver and transmitter is not far enough or the voice is distortion)you had better replace a new battery.
- 5、 If the unit does not use for a long time,youmust take out the battery.

STANDARD PARTS

After opening the package,please check the parts as following:

Hanheld microphone or Body-pack	.....	2PC
Receiver	.....	1PC
Adapter	.....	1PC
Unbalance Audio Cable	.....	1PC
Users Manual	.....	1PC
1.5V Battery(9V Battery)	.....	4PC(or2PC)

TROUBLESHOOTING

BREAK DOWN	REASONS	SOLUTION
The power indicator is not on	<ol style="list-style-type: none"> 1、 The transmitter does not load the battery, and the battery no power or the battery polarity is wrong. 2、 The power jack of receiver is not attached power. 3、 power switch is off 	<ol style="list-style-type: none"> 1、 Load in a new battery 2、 Connect receiver's power 3、 Turn on the power of receiver.
No voice	<ol style="list-style-type: none"> 1、 the transmitter is not turned on. 2、 the AF cord of receiver has not been connected. 3、 the volume of the receiver or the loudspeaker is too low. 4、 the transmitter is far from the receiver. 	<ol style="list-style-type: none"> 1、 Turn on the transmitter 2、 Joint the receiver and loudspeaker together. 3、 Turn up the volume 4、 Do not make the transmitter far away from the receiver.
The distance between the receiver and transmitter is not far enough	<ol style="list-style-type: none"> 1、 Do not draw out the antenna fully. 2、 The power of the battery is not enough. 	<ol style="list-style-type: none"> 1、 Draw out the antenna fully. 2、 Replace a new battery.
The voice is distortion	<ol style="list-style-type: none"> 1、 The power of the battery is not enough. 2、 The loud speaker is too near to the receiver. 	<ol style="list-style-type: none"> 1、 Replace a new battery. 2、 Put the loudspeaker far from the receiver.

PARAMETER

RECEIVER

Frequency Range:	480-560Mhz
Sensitivity:	<2UV (12dB SINAD)
Dynamic Range:	>80dB
Signal-to-Noise:	>80 dB
Image Rejection:	>60dB
Audio Frequency Response:	80-12500HZ
System Distortion:	<1%
Audio Output Level:	700mV(600 Ω)
Power supply:	DC12V~17V/600MA
Current Consumption:	< 400mA

TRANSMITTER

Maximum Deviation Range:	50 KHz (Max)
Frequency Stability:	$\pm 0.005\%$
RF Output Power:	<40mW
RF Rejection:	>40dB
Current Consumption:	<100mA
Operate Range:	60-80M
Battery:	1.5V \times 2 AA